

Title (en)
CORELESS MOTOR DOOR CLOSURE SYSTEM

Title (de)
ANTRIEBSVORRICHTUNG ZUM AUTOMATISCHEN BETRIEB EINES SCHLIESSSYSTEMS FÜR EIN KRAFTFAHRZEUG

Title (fr)
SYSTEME DE FERMETURE DE PORTES MOTORISE SANS NOYAU

Publication
EP 1276950 A1 20030122 (EN)

Application
EP 01923453 A 20010427

Priority
• CA 0100573 W 20010427
• US 19996500 P 20000427

Abstract (en)
[origin: WO0183925A1] An automation assembly is adapted to be connected to a door system of a motor vehicle. The automation assembly is modular and includes a frame that is fixedly secured to the motor vehicle. A motor is fixedly secured to the frame and adapted to receive power. The motor converts the power into a rotational output force. The motor includes a non-ferrous core. A set of pulleys and rollers are fixedly secured to the frame at predetermined positions to direct the path of a continuous belt. The continuous belt is fixedly secured to the door system such that the motor moves the continuous belt and the door system bidirectionally between an open position and a closed position. Sensors are used to determine the position of the door, the speed thereof and whether the door is being moved manually.

IPC 1-7
E05F 15/14; **E05F 15/18**; **H02K 23/58**

IPC 8 full level
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CPC (source: EP)
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Cited by
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DE FR GB IT

DOCDB simple family (publication)
WO 0183925 A1 20011108; AU 5022601 A 20011112; CA 2405712 A1 20011108; CA 2405712 C 20081230; DE 60111739 D1 20050804; DE 60111739 T2 20060504; EP 1276950 A1 20030122; EP 1276950 B1 20050629; JP 2003531988 A 20031028; JP 4828768 B2 20111130

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